BRUHATH BANGALORE MAHANAGARA PALIKE

SCHEDULE - B

Name of Work : IMPROVEMENTS TO CEMENT CONCRETE ROADS AT MUNIKONDAPPA LAYOUT & MUNESHWARANAGARA IN BAGALAGUNTE WARD NO. 14

Sl. No	Qty	Description	Unit	Sanctioned Rates	
				In Figs	In Words
1	149.34	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	203.78	Rupees two hundred three and seventy-eight paise only
2	23.58	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications.	Cum	5159.02	Rupees five thousand, one hundred fifty-nine and two paise only
3	50.83	Design mix M 20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008 i) upto 5m height	Cum	6965.26	Rupees six thousand, nine hundred sixty-five and twenty-six paise only
4	7.81	Supplying, fitting and placing TMT bar reinforcement in sub-structure as per drawing and Technical Specifications complete as per specifications.	Tonne	66482.14	Rupees sixty-six thousand, four hundred eighty-two and fourteen paise only
5	468.72	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	Sqm	310.58	Rupees three hundred ten and fifty-eight paise only
6	117.18	Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials, lobour, curing, transporation, loading, unloading etc., as per directions of the Engineer-in-charge.{Data Rate sheet enclosed}	Sqm	1957.00	Rupees one thousand, nine hundred fifty-seven only

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Executive Engineer
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	Qty	Description	Unit	Sanctioned Rates	
				In Figs	In Words
7	263.25	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	1768.08	Rupees one thousand, seven hundred sixty-eight and eight paise only
8	86.18	Construction of dry lean cement concrete mix CC 1:1.5:10 with OPC cement @ 160 Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86 cum and fine aggregates @ 0.58cum Sub-base over a prepared sub-grade with (coarse and fine aggregate conforming to IS : 383), aggregate cement ratio not to exceed 15:1 aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/cum, optimum moisture content to be determined during traial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications.	Cum	3986.66	Rupees three thousand, nine hundred eighty-six and sixty-six paise only

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9	339.53	Cement Concrete Pavement:- Construction un-reinforced plain cement concrete pavement, thickness as per design over a prepared sub base with OPC cement or any other type as per clause 1051.2.2. with 25mm and down size graded granite metal coarse aggregates and fine aggregates, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrance, sealant primer, joint sealant, admixtures as approved curing compound, finishing to lines and grades as per drawing complete as per specifications. M30 (at 360 kg per cum coarse aggregate @ 0.69 cum and fine aggregate @ 0.46 cum)	Cum	6217.96	Rupees six thousand, two hundred seventeen and ninety-six paise only
10	1814.60	Vaccum de-watering with vaccum pump and suction mat and compaction with skinfloater clubbed with floating disc including cost of generator, Hom of machinery, Screed Vibratory, Power Floater, bladeand disc etc., with all lead and lift.	Sqm	96.40	Rupees ninety-six and forty paise only
11	45.60 46.60	Loading and Unloading of Stone Boulder/Stone aggregates / Sand/Kanker/Moorum KSRRB M100-1 : Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH - 100 Chapter 1	Cum	85.65	Rupees eighty-five and sixty-five paise only

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